



COMMONWEALTH of VIRGINIA

Department of Health
Division of Shellfish Sanitation
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GARDNER, JACKSON, AND BONUM CREEKS

Westmoreland County

Shoreline Sanitary Survey

Date: August 15, 2003

Survey Period: September 25 - November 15, 2002

Total Number of Properties Surveyed: 615

Surveyed By: Gary A. Wood

SECTION A: GENERAL

This survey area extends from Reference Point 6 at Ragged Point to Reference Point 7 at Sandy Point, including the Potomac River shoreline between these two points, Long Pond, Cherry Grove Creek, Gardner Creek, Jackson Creek, Bonum Creek and all of their tributaries.

Topography ranges from less than 5 feet to 15 feet crests in the vicinity of Coles Neck. Below Coles Neck, elevations range from 10 feet around the shoreline to 100 feet at the headwaters of Bonum Creek, located near State Route 202.

Population is dense along the Potomac River shoreline between Ragged Point and the mouth of Jackson Creek, and along the shoreline of Gardner Creek, Jackson Creek and Bonum Creek. Most of the homes in these areas are occupied part time as second homes or vacation homes. There is a moderately dense cluster of full-time residents west of Tucker Hill along routes 606 and 611. Otherwise, the area is sparsely populated.

The economy of the area is primarily agricultural and recreational (i.e., recreational boating and fishing). There is one operating crustacea plant (Bonum's Oyster Company) in the area and a second plant (Yeocomico Oyster Company) that is in good repair but which has not operated since the summer of 1998 and is currently not certified to operate. The Northern Neck Fertilizer Company, which was identified in the last survey as a source of industrial pollution, is no longer in business.

Meteorological data indicated that .63 of rain fell during from September 25 through 30, 6.70 inches from October 1 through October 31, and .26 inches from November 1 through 5, 2002, for a total of 7.59 inches for the survey period.

The number of boat facilities (marinas, ramps, piers and boat slips), in the area has remained constant at 6 since the last survey, but the only marina in the area is undergoing a

significant expansion, suggesting an increase in boating activity. Sources of animal pollution have increased from 5 to 9 since the last survey, while the number of solid waste dump sites was unchanged at 4. There is one campground in the survey area with 115 campsites. The campground has recently upgraded its sewage disposal system, comprised of multiple septic tanks and drainfields, and appeared to be in good working order.

The current restrictions on shellfish harvesting are Condemned Shellfish Area #143, Potomac River: Gardner Creek, effective July 2, 2002; Condemned Shellfish Area 144, Potomac River: Jackson Creek, effective July 2, 2002; and Condemned Shellfish Area 159, Bonum Creek, effective July 2, 2002. Copies of the current condemnation notices and maps are attached to this report.

Information in this report is gathered and used primarily by the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. Data in the report are also made available to other agencies participating in shellfish program activities and other interested parties.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Section B. 2. and B. 3., and the Department of Environmental Quality, Water Regional Office for possible action at properties listed on the summary page in Section B.1.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. Individual field forms with full information on properties listed in this report are on file in the Richmond office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

- None -

ON-SITE SEWAGE DEFICIENCIES

1. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Paul B. & Priscilla F. Ebert, 9304 Peabody Street, Manassas 22110. Dwelling- Green asbestos shingle siding, 1 story with black shutters. No contact. Grease trap curbing and cover is at an angle permitting overflow onto ground. Sanitary notice issued 9-25-02 to field #11.
2. CONTRIBUTES POLLUTION - Clark Demyen, General Manager, Coles Point Plantation Campground and Marina, Box 77 Coles Point 22442. Dwelling- Gray "A" frame T-111 siding, 1 ½ stories, with brown shutters and trim. No contact. 1 inch PVC fitting in main waste drain opens line for direct access to sewage. Sanitary notice issued 9-27-02 to field #23.
8. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), **Direct** - Delma G. Wilson, 5869 Freestate Road, Marshall 20115. Dwelling- Tan mobile home. 2 persons. Outside laundry drains to ground. Sanitary notice issued 9-30-02 to field #88.
9. CONTRIBUTES POLLUTION - Steven R. Fischer, 826 LaFayette Blvd., Fredericksburg, 22401. Dwelling- White camper. No contact. Sanitary line from camper drains to ground. Sanitary notice issued 10-3-02 to field #141.
12. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Terry Booze, 4335 Mt. View Drive, Hay Market 20169. Dwelling- Tan block and brick, 1 story. No contact. Unapproved top to grease trap. Sanitary notice issued 9-30-02 to field #52.
19. CONTRIBUTES POLLUTION - Mary Smith Ball, 2147 Coles Point Road, Hague 22469. Dwelling- Yellow hardboard 1 story with black shutters. No contact. Privy full to top and overflowing onto ground. Sanitary notice issued 10-2-02 to field #281.
28. CONTRIBUTES POLLUTION - Allen Fisher, 2726 Tucker Hill Road, Kinsale, 22488. Dwelling- White mobile home with brown trim. 1 person. Pit to left outside of privy is undermined, exposing contents. Sanitary notice issued 10-18-02 to field #431.
29. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - William D. Lee, 385 Hinsdale Street, Brooklyn, N.Y. 11207. Dwelling- Pink block 1 story with red brick windowsills. No contact. Laundry on back porch drains to ground. Sanitary notice issued 10-21-02 to field #436.
30. NO FACILITIES - Lakisha Johnson, 1035 Kelly Road, Kinsale 22488. Dwelling- White block 1 story with black trim. 4 persons. Uses portable toilet. Privy on property not in use. Sanitary notice issued 10-21-02 to field #439.
32. NO FACILITIES - James Clayton, 1199 Kelly Road, Kinsale 22488. Dwelling- White asbestos shingles, 2 story. No contact. Privy on property collapsing and is unusable. Sanitary notice issued 10-21-02 to field #452.

33. NO FACILITIES - L. D. Kelly c/o Frank R. Kelly, Jr., 3760 Stonoboro Road, Fort Washington, MD 20744. Dwelling- White block 1 story with black shutter. No contact. Portable toilet on property. Sanitary notice issued 10-21-02 to field #451.
38. CONTRIBUTES POLLUTION - William Ashe, 276 Johnson Lane, Kinsale 22488. Dwelling- White asbestos shingle 1 story with tan shutters. 1 person. Privy is undermined exposing contents. Sanitary notice issued 10-24-02 to field #464.
39. CONTRIBUTES POLLUTION - Edith Smith, 362 Johnson Lane, Kinsale 22488. Dwelling- Brick 1 story with white trim. 2 persons. Line from septic tank to distribution box is not connected. Distribution box has no top. Effluent collects in pit surrounding exposed distribution box. Sanitary notice issued 10-24-02 to field #468.
40. NO FACILITIES- James Thornton, 197 Thornton Road, Hague 22469. Dwelling- White and green aluminum and hardboard siding 1 story with white shutters. 1 person. Privy to rear of house is collapsing and is unusable. Sanitary notice issued 10-29-02 to field #503.
41. NO FACILITIES - William Mitchell Green, 1889 Tucker Hill Road, Kinsale 22488. Dwelling- White wood siding 2 stories with green trim. No contact. Sanitary notice issued 10-29-02 to field # 505.
43. CONTRIBUTES POLLUTION - Mildred Harris, 2995 Tucker Hill Road, Kinsale 22488. Dwelling- White asbestos shingles 1story with light green trim. 4 persons. Effluent erupting to ground over septic tank. Sanitary notice issued 11/1/02 to field #557.
44. NO FACILITIES - Shirley Stull, 1476 Zion Church Road, Kinsale 22488. Dwelling- White mobile home with black shutters. No contact. Portable toilet on property. Sanitary notice issued 10-31-02 to field #553.
45. CONTRIBUTES POLLUTION - Estate of Jerry Clayton, c/o Pearline Thompson, 392 Canal Road, Farnham, VA 22460. Dwelling- Blue mobile home with white shutters and trim. No contact. Pit privy full to riser. Sanitary notice issued 10-31-02 to field #550.
46. NO FACILITIES - Vernon Lee Thompson, 7417 Fairfield Avenue, Kalamazoo, MI 49004. Dwelling- Cream and blue wood sided 2 story with blue and red trim. No contact. Inaccessible privy to rear of house. Sanitary notice issued 11-01-02 to field #573.
47. CONTRIBUTES POLLUTION - Linda Fulcher, 340 Wigwam Road, Kinsale 22488. Dwelling- White over tan mobile home. 3 persons. Pit privy full to riser. Sanitary notice issued 10-31-02 to field #534.
48. NO FACILITIES - George Turner, 275 Wigwam Road, Kinsale, 22488. Dwelling- Rusty house trailer. 1 person. Sanitary notice issued 10-31-02 to field #542.
50. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Jack's This-N-That, 5718 Sandy Point Road, Kinsale 22488. Business- Red brick 1 story convenience store. Contained drainage ditch contaminated with kitchen waste. Sanitary notice issued 11-04-02 to field #608.

POTENTIAL POLLUTION

7. Modie Lee Bowen, c/o Mary Brooks, 407 Bethune Street, Falls Church 22043. Dwelling- White mobile home. No contact. Cracked lid of septic tank requires repair or replacement to keep out rainwater. No evidence of malfunction at time of inspection.
10. G.H. and Ramona S. Ray, 9732 Shamrock Drive, Richmond 23237. Dwelling- White vinyl siding 1 story with taupe shutters. No contact. Laundry discharges through a 2 inch white PVC pipe into a 4 inch white PVC pipe attached to rain gutter downspout, then to ground. Do evidence of discharge.
11. Robert and Lisa Vanderberg, 581 Hanover Road, Sandstone, VA 23150. Dwelling- White vinyl siding and block 1 story 4-unit apartment building. No contact. 4-inch terra cotta pipe from apartment house to ditch. No evidence of discharge.
13. James F. Bayles, Rt. 3, Box 248, Cumberland, VA 23469. Dwelling- Red brick 1 story with white trim. No contact. 2 inch white PVC pipe from house to ground. No evidence of discharge.
14. Edward F. Schmidt, Real Estate, 4545 Stratford Road, Richmond 23225. Dwelling- Yellow vinyl siding 2 story with black shutters. No contact. Drainfield very soft during drought conditions.
16. Joseph & Viola Purdy, 3703 Towanda Road, Alexandria 22303. Dwelling- Orange block 1 story with white trim. No contact. 2 inch PVC pipe from fish cleaning station to Garen Creek. No evidence of discharge or recent use.
18. Michael A. Cecil, 4475 Shannon Way, Port Republic, MD 29676. Dwelling- Yellow block 1 story with green shutters and white trim. No contact. White 1 ½ PVC pipe from house to ground. No evidence of discharge at time of inspection.
20. John Smith, 2041 Coles Point Road, Hague 22469. Dwelling- Red brick and white vinyl siding 1 story with white shutters. No contact. Cracked septic tank top with little or no water now entering septic tank.
21. Robert Lewis Smith, 2096 Coles Point Road, Hague 22469. Dwelling- White hardboard siding 1 story with black shutters. No contact. 2 inch PVC pipe from house to ditch. No evidence of discharge at time of inspection.
23. Arthur and Shirley James, 4235 Tucker Hill Road, Hague 22469. Dwelling- Green vinyl siding 1 story with white shutters and trim. No contact. 2 PVC pipes (1 ½ inches and 2 inches) from house to ground. Do evidence of discharge at time of inspection.
49. Yeocomico Oyster Company, 560 Rose Tucker Road, Kinsale 22488. Owner: Ronald Bevans, 1090 Skipjack Road, Kinsale 22488. White block 1 story oyster processing plant. Plant is in good repair but has not operated since the summer of 1998. Last certification expired on 10-31-99.

SECTION C: NON-SEWAGE WASTE SITES**INDUSTRIAL WASTES**

35. ***DIRECT*** - Occupant: Bonums Oyster Company, 1336 Bonums Road, Kinsale 22488. Owner: Ronald Bevins, 1090 Skipjack Road, Kinsale 22488. Business- Oyster shucking and packing plant (VA-720SP). 6 employees. Processing wastewater discharges to a concrete pad and then to Bonums Creek. Has discharge permit #VAG 524041, effective July 24, 2001, from the Department of Environmental Quality, Water Regional Office. The permit expires July 24, 2006. The plant was open and operating at the time of inspection.

SOLID WASTE DUMPSITES

4. Warren A. Jenkins, Jr., 256 Long Point Road, Hague 22469. Business- 3 industrial buildings and 2 mobile home/offices all unoccupied. Construction waste, approximately 12 auto, trucks, farm machinery and a wide variety of other solid waste covering approximately 3 acres on a 5-acre site.
5. John T. & Barbara A. Maines, P.O. Box 617 Montross 22520. Business- auto repair facility. 1 employee. 10 junked autos and auto parts stored on a 1-acre site.
6. Ironeagle Welding, 606 Long Point Road, Hague, 22469. Business- welding. 1 employee. 5 junked autos and other machinery on a ¼ acre site.
36. Paul R. Nickens, 1572 Tucker Hill Road, Kinsale, 22469. Business- auto repair facility. No contact. Approximately 10 junked vehicles, (autos, trucks, tractors) on site, stored behind a privacy fence.

SECTION D: BOATING ACTIVITY

MARINAS

3. Coles Point Plantation Marina, (Tidewater Marina Holding Company, Steve and Trina Sobotka), P.O. Box 77, Coles Point 22442. Commercial marina and campground. 5 employees. 190 slips; 40 dry storage spaces. Present at the time of survey were 54 pleasure boats less than 26', 59 pleasure boats between 26' and 39', and 6 pleasure boats greater than 39'. Boating services provided are fuel, water, electricity, hoist, and a ramp. Sanitary facilities are 2 commodes, 2 urinals, 3 lavatories and 2 showers for men; 4 commodes, 3 lavatories and 2 showers for women. Sewage is disposed of by septic tanks and a drainfield 50 feet from the Potomac River and 25 feet elevation. The system appeared to be working satisfactorily at the time of inspection. Boat holding tank pump-out service is available on a year-round basis. A dump station is available for portable toilets.

OTHERS PLACES WHERE BOATS ARE STORED

15. Cherry Grove Neighborhood Property Owners Association, Hague 22469. Private community boat ramp and pier. No contact. 10 slips/moorings. No boats present at time of survey. No sanitary facilities other services are provided at this site.
17. Traveler's Rest Civic Association, Hague 22469. Private community boat ramp and pier. No contact. 1 mooring. No boats present at time of survey. No sanitary facilities or other services are provided at this site.
34. State of Virginia, Public Boat Ramp, end of state route 763 (Bonums Road). Public boat ramp and pier. 4 moorings. No contact. No boats present at time of survey. No sanitary facilities or other services are provided at this site.
35. Bonum Oyster Company, 1336 Bonum Road, Kinsale 22488. Owner: Ronald Bevens, 1090 Skipjack Road, Kinsale, 22488. Business. Oyster shucking and packing plant (VA-720SP) with commercial boat dock. One workboat less than 26 feet and one workboat between 26 and 39 feet present at time of survey. Sanitary facilities available are 2 toilets and 2 lavatories for men and 2 toilets and 2 lavatories for women, all working properly at time of survey. Sewage disposal is by septic tank and drainfield, located 60 feet from Bonum Creek at 6 feet elevation.

UNDER SURVEILLANCE

22. Wilton Woods Estates, 557 Wilton Woods Drive, Hague 22469. Private community boat ramp and pier. No contact. 2 moorings. No boats present at time of survey. No sanitary facilities or other services provided at this site.

Section E: CONTRIBUTES ANIMAL POLLUTION

24. Larry Michael Clark, 557 Jackson Creek Road, Kinsale 22488. Dwelling- gray vinyl siding 1 story with white shutters and trim. 1 Person. Present at the time of survey were 10 goats. Manure rots in pasture approximately 100 yards from Jackson Creek.
25. Mary Hall Clark, 539 Jackson Creek Road, Kinsale 22488. Dwelling- White wood and asbestos shingle siding 1 story with white trim. 1 person. Approximately 25 chickens and turkeys present at time of survey. Manure rots in field approximately 100 yards from Jackson Creek.
26. Barbara McCrea, 1526 Peckatone Road, Kinsale 22488. Dwelling- White aluminum siding 2 story attached to a tan mobile home. 4 persons. 8 horses present at time of survey. Manure rots in field approximately 50 feet from Jackson Creek at 15 feet elevation.
27. Lewis T. Dameron, Jr., 598 Bonum Point Lane, Kinsale 22488. Yellow vinyl sided 1 story with red shutters. No contact. 9 dogs present at time of survey. Manure washes from kennel to ground approximately 30 feet from Bonum Creek.
28. Allen Fisher, 2726 Tucker Hill Road, Kinsale 22488. White block 1 story with green shutters. 3 persons. Approximately 31 domestic fowl (chickens, ducks and turkeys) present at time of survey. Mature rots in field approximately 50 yards from Bonum Creek.
31. John E. Johnson, 1195 Kelly Road, Kinsale 22488. Red brick and white vinyl siding 2 story with black shutters. No contact. 6 geese and 10 dogs present at time of survey.
37. Robert G. Johnson, 190 Johnson Lane, Kinsale 22488. White vinyl siding 1 story with black shutters. 2 persons. 20 dogs in kennel present at time of survey. Manure thrown in woods approximately 300 yards from a tributary of Bonum Creek.
39. **Direct** - Edith Smith, 362 Johnson Lane, Kinsale 22488. Red brick 1 story with white trim. 2 persons. 7 cows with direct access to Bonum Creek present at time of survey. Manure rots on ground.
42. **Direct** - Timothy Martin, 3411 Hampton Hall Road, Callao 22435. Yellow vinyl siding 1 story with white trim. No contact. 3 goats and approximately 24 chickens and ducks present at time of survey. Poultry has direct access to a tributary of Bonum Creek.

SUMMARY

AREA 6
GARDNER, JACKSON AND BONUM CREEKS
August 15, 2003

SECTION B: SEWAGE POLLUTION SOURCES

1. SWEAGE TREATMENT FACILITIES

0 - DIRECT - None
0 - INDIRECT - None
0 - B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES

Correction of deficiencies in this section is the responsibility of the local health department.

0 - CONTRIBUTES POLLUTION, DIRECT - None
9 - CONTRIBUTES POLLUTION, INDIRECT - #2, 9, 19, 28, 38, 39, 43, 45, 47

0 - CP (Kitchen or Laundry Wastes), Direct - None
5 - CP (Kitchen or Laundry Wastes), Indirect - #1, 8, 12, 29, 50

0 - NO FACILITIES, DIRECT - None
8 - NO FACILITIES, INDIRECT - #30, 32, 33, 40, 41, 44, 46, 48

22 - B.2. TOTAL

3. POTENTIAL POLLUTION -

Periodic surveillance of these properties will be maintained to determine any status change.

11 - POTENTIAL POLLUTION - #7, 10, 11, 13, 14, 16, 18, 20, 21, 23, 49

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

1 - DIRECT - #35
0 - INDIRECT - None
1 - C. 1. TOTAL

2 SOLID WASTE SITES

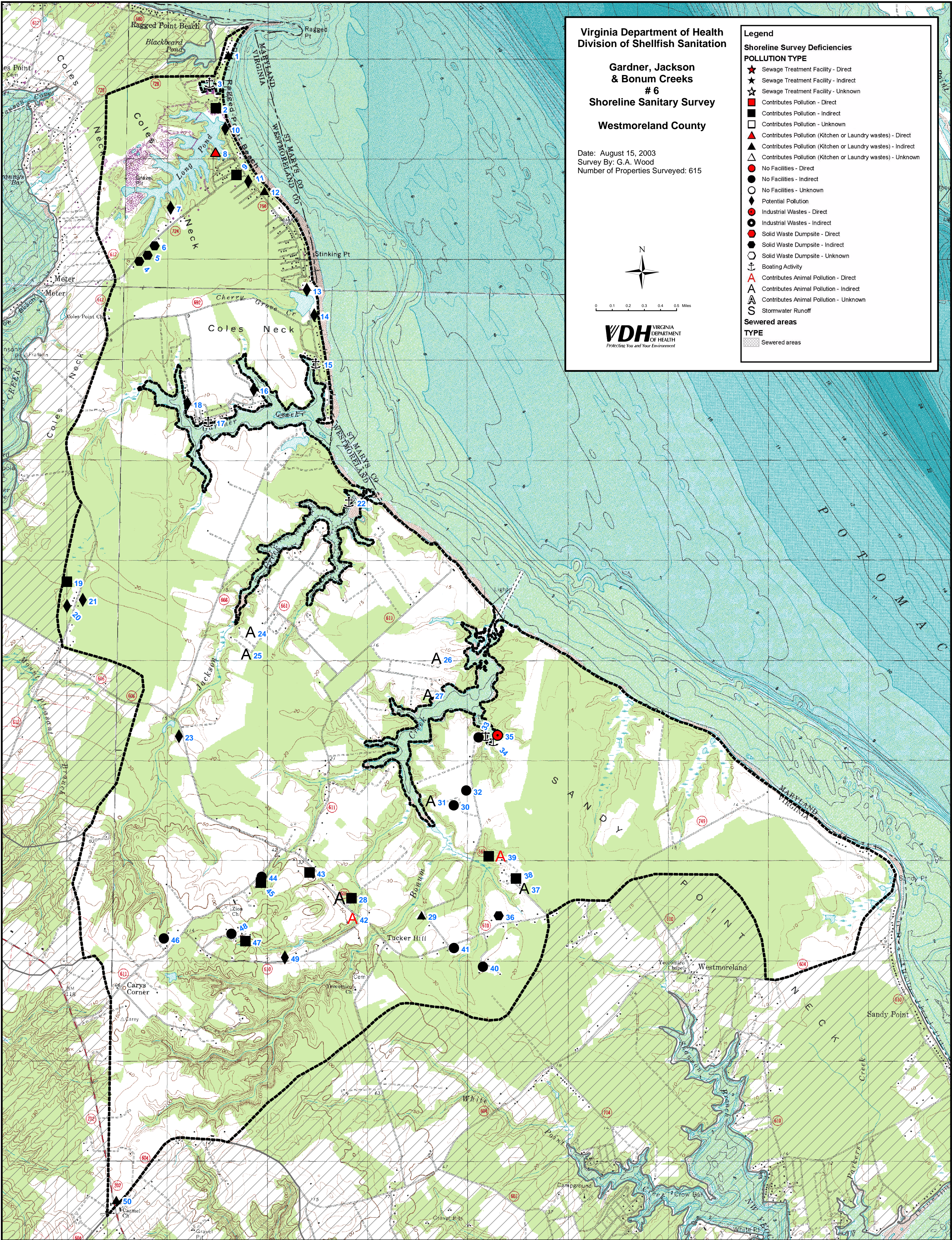
0 - DIRECT - None
4 - INDIRECT - #4, 5, 6, 36
4 - C. 2. TOTAL

SECTION D: BOATING ACTIVITY

1 - MARINAS - #3
4 - OTHER PLACES WHERE BOATS ARE MOORED - #15, 17, 34, 35
1 - UNDER SURVEILLANCE - #22
6 - D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

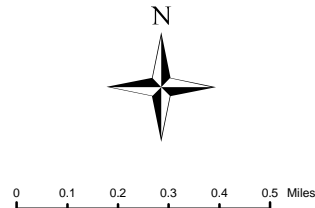
2- DIRECT - #39, 42
7 - INDIRECT - #24, 25, 26, 27, 28, 31, 37
9 - E. TOTAL



Virginia Department of Health
Division of Shellfish Sanitation

Gardner, Jackson
& Bonum Creeks
6
Shoreline Sanitary Survey
Westmoreland County

Date: August 15, 2003
Survey By: G.A. Wood
Number of Properties Surveyed: 615



VDH VIRGINIA
DEPARTMENT
OF HEALTH
Protecting You and Your Environment

Legend

Shoreline Survey Deficiencies

POLLUTION TYPE

- ★ Sewage Treatment Facility - Direct
- ★ Sewage Treatment Facility - Indirect
- ☆ Sewage Treatment Facility - Unknown
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution - Unknown
- ▲ Contributes Pollution (Kitchen or Laundry wastes) - Direct
- ▲ Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- △ Contributes Pollution (Kitchen or Laundry wastes) - Unknown
- No Facilities - Direct
- No Facilities - Indirect
- No Facilities - Unknown
- ◆ Potential Pollution
- Industrial Wastes - Direct
- Industrial Wastes - Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Solid Waste Dumpsite - Unknown
- ⚓ Boating Activity
- A Contributes Animal Pollution - Direct
- A Contributes Animal Pollution - Indirect
- A Contributes Animal Pollution - Unknown
- S Stormwater Runoff

Sewered areas

TYPE

- ▨ Sewered areas